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March 11, 2004

WRITER'S DIRECT NUMBER: (202) 772-8782 INTERNET ADDRESS: GBARDMES@SKGF.COM

Art Unit 2838

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No.: 10/643,957; Filed: August 20, 2003

For: High Voltage Power Management Unit Architecture In CMOS

**Process** 

Inventors:

Chen et al.

Our Ref:

1875.4170000/JTH/GSB

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Power of Attorney from Assignee;
- 2. Statement Under 37 C.F.R. § 3.73(b) (with a copy of the Assignment attached); and
- 3. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents March 11, 2004 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

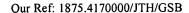
Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

George S. Bardmesser Attorney for Applicants Registration No. 44,020

JTH/GSB:krh Enclosure

239937v1





#### POWER OF ATTORNEY FROM ASSIGNEE

Broadcom Corporation, a corporation of <u>California</u>, having a principal place of business at <u>16215 Alton Parkway</u>, Irvine, <u>California 92618-3616</u>, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on 1) <u>August 12</u>, <u>2003</u> and 2) <u>August 13, 2003</u> of an invention known as <u>High Voltage Power Management Unit Architecture In CMOS Process</u>, which is disclosed and claimed in a patent application of the same title by the inventor 1) <u>Chun-Ying Chen</u> and 2) <u>Hsiang-bin Lee</u> (said application filed on <u>August 20, 2003</u> at the U.S. Patent and Trademark Office, having Application Number <u>10/643,957</u>).

The Assignee hereby appoint the U.S. attorneys James D. Bennett, Registration No. 37,550, Jeffrey DeRoy Wheeler, Registration No. 39,066; Noel Benjamin Whitley, Registration No. 42,225; and Harry Shannon Tyson, Jr., Registration No. 42,193, of Broadcom Corporation, 16215 Alton Parkway, Irvine, CA 92618-3616, and the attorneys associated with CUSTOMER NUMBER 28393 to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being: Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688, Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; Linda E. Alcorn, Esq., Reg. No. 39,588; Lawrence B. Bugaisky, Esq., Reg. No. 35,086; Donald J. Featherstone, Esq., Reg. No. 33,876; Robert C. Millonig, Esq., Reg. No. 34,395; Michael V. Messinger, Esq., Reg. No. 37,575; Judith U. Kim, Esq., Reg. No. 40,679; Timothy J. Shea, Jr., Esq., Reg. No. 41,306; and Patrick E. Garrett, Esq., Reg. No. 39,987. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. 1100 New York Avenue, N.W. Washington, D.C. 20005-3934 U.S.A.

Direct phone calls to 202-371-2600.

OR: (Broadcom Corpor

SIGNATURE:

BY: Dee Hepderson

TITLE: Manager, Intellectual Property Portfolio

ATE: Jan

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### STATEMENT UNDER 37 C.F.R. § 3.73(b)

| OIPE W         | Applicant/Patent Owner: Chun-Ying Chen et al.   |
|----------------|---|
| 7 2004 11      | Application No./Patent No.: 10/643,957 Filed/Issue Date: August 20, 2003  |
| MAR 1 1 2004 W | Entitled: High Voltage Power Management Unit Architecture In CMOS Process   |
| THADEMAN       | Broadcom Corporation , a Corporation (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)   |
|                | states that it is:  |
| •              | 1. [X] the assignee of the entire right, title, and interest, or  |
| •              | 2. [] an assignee of less than the entire right, title and interest.  The extent (by percentage) of its ownership interest is% in the patent application/patent identified above by virtue of either:   |
|                | A. [X] An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.  |
|                | OR  |
|                | B. [] A chain of title from the inventor(s) of the patent application/patent identified above to the current assigned as shown below:   |
| •              | 1. From: To: To:  |
|                | 2. From: To: To: The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.  |
|                | 3. From: To: To: The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.  |
|                | [ ] Additional documents in the chain of title are listed on a supplemental sheet.  |
|                | [X] Copies of assignments or other documents in the chain of title are attached.  [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302.8] |
|                |   |

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

/ Date (949) 926-5958

Telephone number

Signature

Manager, Intellectual Property Portfolio

Title

216465v1

# DO NOT FORWARD TO ASSIGNMENT BRANCH NOT FOR RECORDATION

Docket No. 1875.4170000/JTH/GSB/BP 2866 Appl. No.: To Be Assigned

#### **ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: 1)Chun-Ying Chen and 2) Hsiang-bin Lee, the undersigned inventors hereby sell and assign to Broadcom Corporation (the Assignee) their entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box(es)

✓ for the United States of America (as defined in 35 U.S.C. § 100),.
✓ and throughout the world,

- (a) in the invention known as <u>High Voltage Power Management Unit Architecture</u> <u>In CMOS Process</u> for which application for patent in the United States of America has (have) been executed by the undersigned on 1) Aug-12, 2003 and 2) and 2) also known as United States Application No. <u>to be assigned</u>, filed <u>herewith</u>), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

## DO NOT FORWARD TO ASSIGNMENT BRANCH NOT FOR RECORDATION

Docket No. 1875.4170000/JTH/GSB/BP 2866 Appl. No.: To Be Assigned

The undersigned inventors hereby represent that they have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant James D. Bennett, Registration No. 37,550, and David J. Rosmann, Registration No. 43,059, of Broadcom Corporation, 16215 Alton Parkway, Irvine, CA 92618-3616, and Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone, Esquire, Registration No. 33,876; Robert C. Millonig, Esquire, Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; and Patrick E. Garrett, Esq., Registration No. 39,987; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

| Date: | Aug 12, 2003 | Signature of Inventor:  Chun-Ying Chen |         |
|-------|--------------|--|---------|
| Date: | 8/13/03      | Signature of Inventor:  Hsiang-bin Lee | <u></u> |

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